Fort Myers Notebook, N-86-04-03.2

This notebook dates from April 1886. The few entries are by Edison and concern the speed of the earth around the sun and the design of quadruplex and phonoplex telegraphs. The first page contains the notation: "Present By T.A. Edison Apr 3rd 1886 Ft. Myers." There are 286 numbered pages.

Blank pages not filmed: 2-3, 18-286.

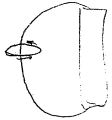
N-86-04-03-2

*E-5286

Presented By T. A. Edison
Apr 3rd 1886

H. Myers.

No 44
ARTHUR & B
MANUFACTURE
55 CEDAR ST
NEW YOR

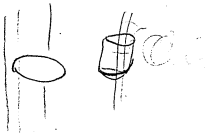


C

18.4
60
1104
60
66240.

~~66240~~ | 4536 | 66240 | 14.6
4536
20880
18144
27360
27216

Earth goes 14.6 times as fast as the Sun.



65
7) 455

1500. at 4.

3/8.

9

7) 52250
7,500
500

7500
500
37,500,000

4) 225
32

a 35

5 wires left 1/8 dia. 50 miles long
2 feet apart, 24 feet from
Earth,
deadground Each end except
relays —

3/8 surface about of 3 feet for wide
or 36 ft sqr foot. therefore 5 wires
7 feet to square foot, 750.
square feet to mile, 37500
sqr feet 50 miles,

500 sqr feet to Car 3 Cars
1500 square feet.
distance to wires 40 feet.
Cars 195 feet long use say 228
feet wire, 7 feet to front, to
32 sqr feet offered to 1500 Roof

1500 | 37500 | 25
3000
7500
5400

32 sqr feet.

32 at	40
16	20
8	10
4	5
2	30
1	15
72 sq. in.	62 1/8
31 "	31 1/8
16 "	16.
8	8
4	4
2	2
1 1/2	1 1/2

23 times the cu

1/16

2 inches 1 other

32.
1/128

1288 inches

256	16
512	64
1024	256
2048	

128 | 3000 | 23.
2560
440
128
312

Washing

Wires 25 times the surface,
Volts of 1 ohm coil say 500 Volts
600 ohm coil has 28 times the quantity of volts. 600 times less quantity

Use an air condenser for receiving from the wire, the wind signals too failed to go through air condr owing to its rapid change & discharge,

Experiments to be tried –

Cord on fourpoint transmitter

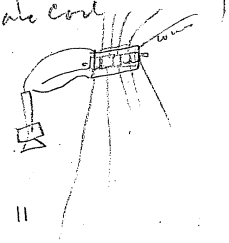
Receiver right in ckt. 5 separate

sports on phone –

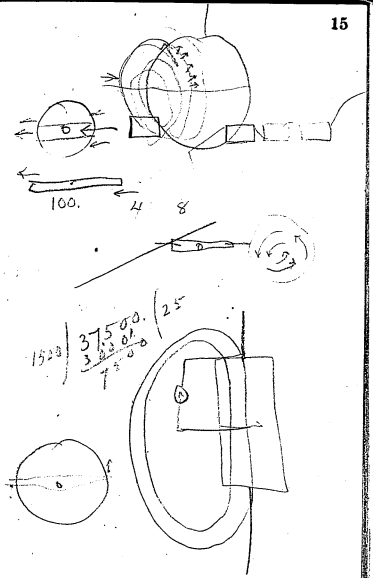
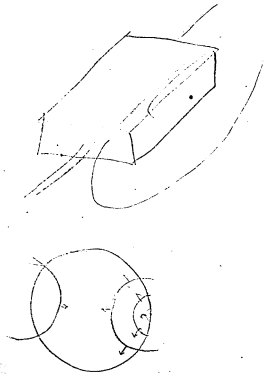
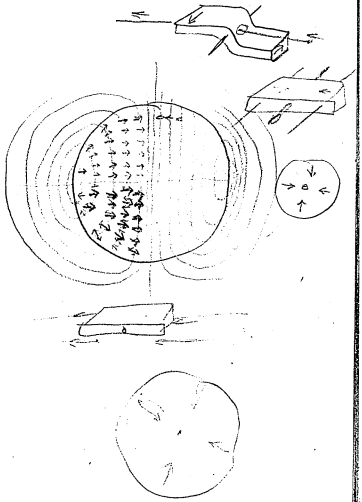
also Induction Coil, 5 ohm

primary, & 50 ohm Secondary

all in one cord



See p 11


100.
4
8
1500
37500.
3000
25